

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20030004853"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:18
S2	2	S1 and ((front adj1 end) or front-end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:19
S3	1	S1 and (((front adj1 end) or front-end) near5 application)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 03:36
S4	2	"6766304".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:47
S5	0	S1 and (((back adj1 end) or back-end) near5 service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:55
S6	0	S1 and (((back adj1 end) or back-end)with service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:55
S7	0	S1 and (((back adj1 end) or back-end) same service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 10:55

S8	1	S1 and (((back adj1 end) or back-end))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:20
S9	11	((back adj1 end) or back-end) with (abstract\$3 adj1 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:26
S10	23	((decoupl\$3 or decoupl\$3) with (abstract \$3 adj1 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:26
S11	18	((decoupl\$3 or decoupl\$3) with (abstract \$3 adj1 layer))with (application\$3 or service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:00
S12	2	((decoupl\$3 or decoupl\$3) with (abstract \$3 adj1 layer))with (application\$3 or service) same ((back adj1 end) or back-end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:31
S13	2	((decoupl\$3 or decoupl\$3) with (abstract \$3 adj1 layer))with (application\$3 or service) same ((back adj1 end) or back-end) same ((front adj1 end) or front-end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:28
S14	2	((decoupl\$3 or decoupl\$3) with (abstract \$3 adj1 layer))with (application\$3 or service) and (((back adj1 end) or back-end) with((front adj1 end) or front-end))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:29

S15	2	((decoupl\$3 or de-coupl\$3) with (abstract\$3 adj1 layer))with (application\$3 or service) and (((back adj1 end) or back-end) and (((front adj1 end) or front-end)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:29
S16	2	((decoupl\$3 or de-coupl\$3) with (abstract\$3 adj1 layer))with (application\$3 or service) and (((back adj1 end) or back-end)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:31
S17	13	((decoupl\$3 or de-coupl\$3) with (abstract\$3 adj1 layer))with (application\$3 or service) and ((business or trad\$3 or securit\$3 ) near5 (application or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 11:32
S18	23	((decoupl\$3 or de-coupl\$3) with (abstract\$3 adj1 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:18
S19	19	((decoupl\$3 or de-coupl\$3) near5 (abstract\$3 adj1 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:12
S20	2	"20050055700"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:12
S21	23	((decoupl\$3 or de-coupl\$3 or hif\$3) with (abstract\$3 adj1 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:18

S22	216	((decoupl\$3 or de-coupl\$3 or hid\$3) with (abstract\$3 adj1 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:18
S23	156	((decoupl\$3 or de-coupl\$3 or hid\$3) near5 (abstract\$3 adj1 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:20
S24	75	((decoupl\$3 or de-coupl\$3 or hid\$3) near5 (abstract\$3 adj1 layer)) with (software or application or service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:20
S25	156	((abstract\$3 adj1 layer) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:21
S26	75	((abstract\$3 adj1 layer) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) )with (software or application or service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:21
S27	3	((abstract\$3 adj1 layer) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) )with ((business or trad\$3 or provid\$3) near5 (software or application or service))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:22
S28	15	((abstract\$3 adj1 layer) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) ) same ((business or trad\$3 or provid\$3) near5 (software or application or service))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:22

S29	1	((abstract\$3 adj1 layer) near5 (decoupl \$3 or de-coupl\$3 or hid \$3) ) same ((business or trad\$3 or provid\$3) near5 (software or application or service)) and (single near5 sign \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:23
S30	13	((abstract\$3 adj1 layer) near5 (decoupl \$3 or de-coupl\$3 or hid \$3) ) and ((business or trad\$3 or provid\$3) near5 (software or application or service)) and (single near5 sign \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:23
S31	13	((abstract\$3 adj1 layer) near5 (decoupl \$3 or de-coupl\$3 or hid \$3) ) and ((business or trad\$3 or provid\$3) near5 (software or application or service)) and (single near5 sign \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:49
S32	156	((abstract\$3 adj1 layer) near5 (decoupl \$3 or de-coupl\$3 or hid \$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:57
S33	283	((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:58
S34	57	((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) near5 (software or application or service) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:59

S35	2	((((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) near5 (software or application or service) ) same authenticat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:05
S36	13	((((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) near5 (software or application or service) ) and (single adj3 sign\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:02
S37	13	((((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) near5 (software or application or service) ) and (single adj3 sign\$3) and error	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:04
S38	13	((((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) near5 (software or application or service) ) and (single adj3 sign\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:04
S39	57	((((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) near5 (software or application or service) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:05

S40	13	((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (decoupl\$3 or de-coupl\$3 or hid\$3) near5 (software or application or service) ) and (single near5 sign\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:06
S41	11	((abstract\$3 or middle) adj1 (layer or tier) or middleware) near5 (single near5 sign\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:06
S42	13	((abstract\$3 or middle) adj1 (layer or tier) or middleware) with (single near5 sign\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:07
S43	4	((abstract\$3 or middle) adj1 (layer or tier) or middleware) with (single near5 sign\$3)) and error	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:07
S44	9	((abstract\$3 or middle) adj1 (layer or tier) or middleware) with (single near5 sign\$3) with (application or service or program or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:30
S45	9	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (single near5 sign\$3) with (application or service or program or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:30
S46	10	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (single near5 sign\$3) same (application or service or program or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:12

S47	39	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl\$3) same (application or service or program or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:13
S48	2	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl\$3) same (application or service or program or software)) same (front-end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:21
S49	4	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl\$3) same (application or service or program or software)) same (front-end or f(front adj end))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:21
S50	2	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl\$3) same (application or service or program or software)) same (front-end or (front adj end))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:22
S51	2	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl\$3) same (application or service or program or software)) same (front-end or (front adj end) or back-end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:22



S52	2	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl \$3) same (application or service or program or software)) same (front-end or (front adj end) or frontend back-end or backend (back adj end ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 16:23
S53	12	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl \$3) same (application or service or program or software))and (front-end or (front adj end) or frontend back-end or backend (back adj end ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:37
S54	3	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with (decoupl\$3 or de-coupl \$3) same (application or service or program or software))and (front-end or (front adj end) or frontend back-end or backend (back adj end )) and (UDDI)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:55
S55	6	((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with ((UDDI)) same (application or service or program or software))and (front-end or (front adj end) or frontend back-end or backend (back adj end ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:56

S56	0	((((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with ((UDDI) with ((business or vendor ) adj4 integrat\$)) same (application or service or program or software))and (front-end or (front adj end) or frontend back-end or backend (back adj end ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:57
S57	0	((((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) with ((UDDI) with ((business or vendor ) adj4 integrat\$)) same (application or service or program or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:57
S58	0	((((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) same ((UDDI) with ((business or vendor ) adj4 integrat\$)) same (application or service or program or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:58
S59	0	((((abstract\$3 or middle) adj1 (layer or tier) or middleware or middle-tier or middleware) same ((UDDI) with ((business or vendor ) adj4 integrat\$)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:57
S60	30	((((UDDI) with ((business or vendor ) adj4 integrat\$)) same (application or service or program or software))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 01:53

S61	1	((((UDDI) with ((business or vendor ) adj4 integrat\$)) same (application or service or program or software) same context)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 00:58
S62	1	((((UDDI) with ((business or vendor ) adj4 integrat\$)) same (application or service or program or software)) and (context with (identi\$5 or application) with (business or vendor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 03:24
S63	2	"6848047".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 03:52
S64	2	"6868402".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 04:12
S65	2	"6980963".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 04:12
S66	26324	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:16
S67	2	"20030004853"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:25
S68	1	"20030004853" and abstraction near10 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:26

S69	953	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) and abstraction near10 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:29
S70	265	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) and ((abstraction near10 layer) same (backend back-end (back adj3 end)server))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:47
S71	110	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) and ((abstraction near10 layer) same (backend back-end (back adj3 end)server))same manag\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:48
S72	25	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) and ((abstraction near10 layer) same (backend back-end (back adj3 end)server))same (manag\$5 near20 service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:48
S73	11	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) and ((abstraction near10 layer) same (backend back-end (back adj3 end)server))same (manag\$5 near20 service near20 application)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:49

S74	1	"20030088659" and abstraction near10 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 11:54
S75	79	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) same abstraction near10 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 13:40
S76	28	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) near20 abstraction near10 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 13:41
S77	7	((implement\$4 design \$4 creat\$3 build\$3 manufatur\$3) near20 (application program ) near10 service) near20 abstraction near10 layer same manag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 13:41

7/2/08 10:21:26 AM

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